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OM protein - protein search, using sw model

Run on: January 4, 2005, 12:11:49 ; Search time 39 Seconds
(without alignments)
452.323 Million cell updates/sec

Title: US-10-006-867-2

Perfect score: 1392

Sequence: 1 MMWFOGLSFLPSALVIMTS.....YDTAPCPINNERTLLSRDI 266

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

- 1: /cgn2_6/prodata/1/iaa/5A COMB.pep.*
- 2: /cgn2_6/prodata/1/iaa/5B COMB.pep.*
- 3: /cgn2_6/prodata/1/iaa/6A COMB.pep.*
- 4: /cgn2_6/prodata/1/iaa/6B COMB.pep.*
- 5: /cgn2_6/prodata/1/iaa/PCTUS COMB.pep.*
- 6: /cgn2_6/prodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1398	99.7	267	4	US-09-663-600A-190
2	595.5	42.8	172	4	US-09-663-600A-96
3	479.5	34.4	238	3	US-09-724-864-38
4	358	25.7	69	4	US-09-663-600A-130
5	358	25.7	69	4	US-09-663-600A-224
6	118	8.5	21	3	US-08-905-223-20
7	118	8.5	21	3	US-09-247-155-20
8	118	8.5	21	4	US-09-663-600A-20
9	118	8.5	21	4	US-09-621-976-2
10	118	8.5	21	4	US-09-513-999C-2
11	91.5	6.6	291	4	US-09-107-532A-4147
12	91.5	6.6	387	4	US-09-721-870-14
13	90	6.5	283	4	US-09-602-787A-588
14	90	6.5	396	4	US-09-248-796A-20434
15	88	6.3	344	4	US-09-248-796A-16383
16	88	6.3	1165	1	US-08-240-357-2
17	86.5	6.2	356	4	US-09-134-000C-4914
18	85.5	6.1	579	4	US-09-786-681A-4
19	85.5	6.1	582	4	US-09-786-681A-2
20	85	6.1	419	4	US-09-948-774-2
21	85	6.1	1180	3	US-08-726-214-12
22	84.5	6.1	296	4	US-09-134-000C-6205
23	84	6.0	241	4	US-09-328-352-8001
24	84	6.0	506	4	US-09-540-236-2605
25	84	6.0	537	4	US-09-489-039A-14149
26	84	6.0	602	4	US-09-252-991A-22527
27	84	6.0	720	4	US-09-252-991A-19581

28	84	6.0	1138	4	US-09-489-039A-13574	Sequence 13574, A
29	83.5	6.0	618	1	US-08-332-312-2	Sequence 2, Appli
30	83	6.0	318	4	US-09-583-110-2976	Sequence 2976, Ap
31	83	6.0	417	4	US-09-489-039A-8730	Sequence 8730, Ap
32	83	6.0	542	4	US-09-252-991A-19270	Sequence 19270, A
33	83	6.0	632	4	US-09-328-352-4785	Sequence 4785, Ap
34	82.5	5.9	492	4	US-09-252-991A-18139	Sequence 18139, A
35	82	5.9	299	4	US-09-393-634-5	Sequence 5, Appli
36	82	5.9	474	4	US-09-252-991A-30354	Sequence 30354, A
37	82	5.9	574	4	US-09-248-796A-20154	Sequence 20154, A
38	82	5.9	664	4	US-09-248-796A-17191	Sequence 17191, A
39	82	5.9	1168	4	US-09-474-076-2	Sequence 2, Appli
40	82	5.9	1168	4	US-09-474-076-11	Sequence 11, Appli
41	81.5	5.9	199	4	US-09-583-110-3127	Sequence 3127, Ap
42	81.5	5.9	280	4	US-09-543-681A-6175	Sequence 6175, Ap
43	81.5	5.9	503	4	US-09-252-991A-32663	Sequence 32663, A
44	81	5.8	323	4	US-09-328-352-6181	Sequence 6181, Ap
45	81	5.8	425	4	US-09-489-039A-8209	Sequence 8209, Ap

ALIGNMENTS

RESULT 1
US-09-663-600A-190
; Sequence 190, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 190
; LENGTH: 267
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -21...-1
US-09-663-600A-190

Query Match	99.7%	Score 1388;	DB 4;	Length 267;
Best Local Similarity	99.6%	Pred. No. 1.1e-146;		
Matches 265;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;
QY	1	MMWFOGLSFLPSALVIMTSAAPIFSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML	60	
DB	1	MMWFOGLSFLPSALVIMTSAAPIFSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML	60	
QY	61	NIAAVLCIATIVRVYKQVHALSPENVIKLNKAGLVGLISCLGLSIVANFQKTLFAA	120	
DB	61	NIAAVLCIATIVRVYKQVHALSPENVIKLNKAGLVGLISCLGLSIVANFQKTLFAA	120	
QY	121	HVSGAVLTFGMGSLYMFVQTILSYQMOPKIHGKQVFWIRLLLVWCGVSALSMLTCSSVL	180	

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Db 121 HVS6AVLTGMSGLYMFVQITLSYQMPKIHGKQVFWIRLLLVICGVSALSMLTCSVL 180
QY 181 HSGNFGTDLQKLNHPEDKGVVLMHTTAAEWSMSFSGFFFTYIRDFOKISLRVEAN 240
Db 181 HSGNFGTDLQKLNHPEDKGVVLMHTTAAEWSMSFSGFFFTYIRDFOKISLRVEAN 240
QY 241 LHGLTYDTAPCFINNERTLLSRDI 266
Db 241 LHGLTYDTAPCFINNERTLLSRDI 266
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RESULT 2

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US-09-663-600A-96
; Sequence 96, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 96
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -21..-1
US-09-663-600A-96
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Query Match 42.8%; Score 595.5; DB 4; Length 172;
Best Local Similarity 79.4%; Pred. No. 1.9e-58;
Matches 123; Conservative 7; Mismatches 22; Indels 3; Gaps 2;

QY 1 MMWFOGSLFPLSALVITSAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
Db 1 MMWFOGSLFPLSALVITSAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
QY 61 NTAAVLCIATIVRYKQVHALSPENVIKLNKAGLVGLSCLGLSIVANFQKTLTAA 120
Db 61 NTAAVLCIATIVRYKQVHALSPENVIKLNKAGLVGLSCLGLSIVANFQENPPCC 120
QY 121 HV--SGAVLTFGMSGLYMFVQITLSYQMPKIHGK 153
Db 121 TCKWSCAYLWYGL-IYVCSDPHFLPKSPKSNKG 154
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RESULT 3

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US-09-724-864-38
; Sequence 38, Application US/09724864
; Patent No. 6380362
; GENERAL INFORMATION:
; APPLICANT: Watson, James D
; APPLICANT: Murison, James G.
```

```
; TITLE OF INVENTION: Polynucleotides, polypeptides expressed
; TITLE OF INVENTION: by the polynucleotides and methods for their use.
; FILE REFERENCE: 11000.1050U1
; CURRENT APPLICATION NUMBER: US/09/724,864
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 238
; TYPE: PRT
; ORGANISM: Mouse
US-09-724-864-38

Query Match 34.4%; Score 479.5; DB 3; Length 238;
Best Local Similarity 37.3%; Pred. No. 2.8e-45;
Matches 93; Conservative 56; Mismatches 79; Indels 21; Gaps 3;

QY 1 MMWFOGSLFPLSALVITSAAFISYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
Db 1 MLCFLRGMAFVFLVLTWSSAAFIISYVAVLSGHVNPFLPYISDTGTTPPESGIFGPMI 60
QY 61 NTAAVLCIATIVRYKQV-----HALSPENVIKLNKAGLVGLSCLGLSIVANFQ 113
Db 61 NFSAFGLGAATWTRYKIVEKQNETCYFSTPVPFNLV-----SLALGLVGCIGMGIVANFQ 114
QY 114 KTTLFAAHVSGAVLTFGMSGLYMFVQITLSYQMPKIHGKQVFWIRLLLVICGVSALS 173
Db 115 BLAVPVVHDGALLAFVCGVVYVTLQSLIISYKSCPQWNSLTTCVRAISAVCAAVPM 174
QY 174 LTCSSVLHSGNFGTDLQKLNHPEDKGVVLMHTTAAEWSMSFSGFFFTYIRDFOKI 233
Db 175 IACASLISI-----TKLEWNPKEKDYIYHVVAICAETVARGFIFYFLTFTQDFQSV 226
QY 234 SLRVEANLH 242
Db 227 TLRISTEIN 235

RESULT 4
US-09-663-600A-130
; Sequence 130, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 130
; LENGTH: 69
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
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NAME/KEY: SIGNAL
LOCATION: -21...-1
US-09-663-600A-130

Query Match 25.7%; Score 358; DB 4; Length 69;
Best Local Similarity 100.0%; Pred. No. 1.8e-32;
Matches 67; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MWFFQGLSFLPSALVWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
DB 1 MWFFQGLSFLPSALVWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
QY 61 NIAAVLC 67
DB 61 NIAAVLC 67

RESULT 5

US-09-663-600A-224
Sequence 224, Application US/09663600A
Patent No. 6573068
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, Jean-Baptiste
APPLICANT: Duclert, Aymeric
TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
FILE REFERENCE: 31.US3.CIP
CURRENT APPLICATION NUMBER: US/09/663,600A
PRIOR FILING DATE: 2000-09-15
PRIOR APPLICATION NUMBER: 09/191,997
PRIOR FILING DATE: 1998-11-13
PRIOR APPLICATION NUMBER: 60/066,677
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/069,957
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/074,121
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/081,563
PRIOR FILING DATE: 1998-04-13
PRIOR APPLICATION NUMBER: 60/096,116
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/099,273
PRIOR FILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 229
SOFTWARE: Patent.pm
SEQ ID NO 224
LENGTH: 69
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SIGNAL
LOCATION: -21...-1
US-09-663-600A-224

Query Match 25.7%; Score 358; DB 4; Length 69;
Best Local Similarity 100.0%; Pred. No. 1.8e-32;
Matches 67; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MWFFQGLSFLPSALVWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
DB 1 MWFFQGLSFLPSALVWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAML 60
QY 61 NIAAVLC 67
DB 61 NIAAVLC 67

RESULT 6

US-08-905-223-20
Sequence 20, Application US/08905223
Patent No. 622029
GENERAL INFORMATION:
APPLICANT: Edwards, Jean-Baptiste D.

APPLICANT: Duclert, Aymeric
APPLICANT: Lacroix, Bruno
TITLE OF INVENTION: 5' ESTs FOR SECRETED PROTEINS
NUMBER OF SEQUENCES: 503
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klobbe, Martens, Olson & Bear
STREET: 501 West Broadway
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92101-3505
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Win95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/905,223
FILING DATE:
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A.
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 amino acids
TYPE: AMINO ACID
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
ORIGINAL SOURCE:
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: sig_peptide
LOCATION: 1..21
IDENTIFICATION METHOD: Von Heijne matrix
OTHER INFORMATION: score 5.5
OTHER INFORMATION: seq SFLPSALVWTS/AF
US-08-905-223-20

Query Match 8.5%; Score 118; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWFFQGLSFLPSALVWTS/AF 21
DB 1 MWFFQGLSFLPSALVWTS/AF 21

RESULT 7

US-09-247-155-20
Sequence 20, Application US/09247155A
Patent No. 6312922
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, Jean-Baptiste
APPLICANT: Duclert, Aymeric
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Complementary DNAs
FILE REFERENCE: GENSET.021A
CURRENT APPLICATION NUMBER: US/09/247,155A
CURRENT FILING DATE: 1999-02-09
EARLIER APPLICATION NUMBER: 60/074,121
EARLIER FILING DATE: 1998-02-09
EARLIER APPLICATION NUMBER: 60/081,563
EARLIER FILING DATE: 1998-04-13
EARLIER APPLICATION NUMBER: 60/096,116
EARLIER FILING DATE: 1998-08-10
EARLIER APPLICATION NUMBER: 60/099,273
EARLIER FILING DATE: 1998-10-04
NUMBER OF SEQ ID NOS: 182

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; SOFTWARE: Patent.pm
; SEQ ID NO 20
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: 1..21
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 5.5
; OTHER INFORMATION: seq SFLPSALVIWTSa/AF
US-09-247-155-20
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Query Match      8.5%; Score 118; DB 3; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 MMWFQOGLSFLPSALVIWTSa 21
Db 1 MMWFQOGLSFLPSALVIWTSa 21
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RESULT 8
US-09-663-600A-20
; Sequence 20, Application US/09663600A
; Patent No. 6573068
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; APPLICANT: Bouqueleret, Lydie
; TITLE OF INVENTION: EXTENDED CDNAS FOR SECRETED PROTEINS
; FILE REFERENCE: 31.US3.CIP
; CURRENT APPLICATION NUMBER: US/09/663,600A
; CURRENT FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 09/191,997
; PRIOR FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: 60/066,677
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/069,957
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/074,121
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/081,563
; PRIOR FILING DATE: 1998-04-13
; PRIOR APPLICATION NUMBER: 60/096,116
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/099,273
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 229
; SOFTWARE: Patent.pm
; SEQ ID NO 20
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: 1..21
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 5.5
; OTHER INFORMATION: seq SFLPSALVIWTSa/AF
US-09-663-600A-20
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Query Match      8.5%; Score 118; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 MMWFQOGLSFLPSALVIWTSa 21
Db 1 MMWFQOGLSFLPSALVIWTSa 21
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RESULT 9
US-09-621-976-2
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; Sequence 2, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 2
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -21..-1
US-09-621-976-2
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Query Match      8.5%; Score 118; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 MMWFQOGLSFLPSALVIWTSa 21
Db 1 MMWFQOGLSFLPSALVIWTSa 21
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RESULT 10
US-09-513-999C-2
; Sequence 2, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36881
; SOFTWARE: Patent.pm
; SEQ ID NO 2
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: 1..21
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 5.5
; OTHER INFORMATION: seq SFLPSALVIWTSa/AF
US-09-513-999C-2
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Query Match      8.5%; Score 118; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 MMWFQOGLSFLPSALVIWTSa 21
Db 1 MMWFQOGLSFLPSALVIWTSa 21
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RESULT 11
US-09-107-532A-4147
; Sequence 4147, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
```

APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

NUMBER OF SEQUENCES: 7310

CORRESPONDENCE ADDRESS: 7310

ADDRESSER: GENOME THERAPEUTICS CORPORATION

STREET: 100 Beaver Street

CITY: Waltham

STATE: Massachusetts

COUNTRY: USA

ZIP: 02354

COMPUTER READABLE FORM:

MEDIUM TYPE: CD/ROM ISO9660

COMPUTER: PC

OPERATING SYSTEM: <Unknown>

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/107,532A

FILING DATE: 30-Jun-1998

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/085,598

FILING DATE: 14 May 1998

APPLICATION NUMBER: 60/051571

FILING DATE: July 2, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Ariniello, Pamela Deneke

REGISTRATION NUMBER: 40,489

REFERENCE/DOCKET NUMBER: GTC-012

TELECOMMUNICATION INFORMATION:

TELEPHONE: (781)893-5007

TELEFAX: (781)893-8277

INFORMATION FOR SEQ ID NO: 4147:

SEQUENCE CHARACTERISTICS:

LENGTH: 291 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: YES

ORIGINAL SOURCE:

ORGANISM: Enterococcus faecium

FEATURE:

NAME/KEY: misc feature

LOCATION: (B) LOCATION 1...291

SEQUENCE DESCRIPTION: SEQ ID NO: 4147:

US-09-107-532A-4147

Query Match 6.6%; Score 91.5; DB 4; Length 291;

Best Local Similarity 22.9%; Pred. No. 0.081;

Matches 58; Conservative 26; Mismatches 88; Indels 81; Gaps 9;

QY 6 QGLSPSPSALV-----IWTSAAFIYSYITAVTLHHIDPALPYISDTGTVAPEKCLFGAM 59

Db 51 RGMSLMGDAISHAVLPGVAISYMFSGSYFGAT-----AFGLM 88

QY 60 LNTAAVLCIATYVRYKQVHALSPEENVIKLNKAGLVGLSLGSLIVANFQKTT--- 116

Db 89 --TAAVIGFVTKRSRLKNDTAI-----GIVFSFALGIIISYAQSATDLY 133

QY 117 -----LFAHVSNAVLTFGMSGLYMFVQILSYQMP-----KIHGKQVFI 158

Db 134 HILFGNVLAVRESDDLTLTALVSGVILF-----VFFYKELKITSFDPWAKAYGLNTSLI 189

QY 159 RLLLVTCVGSALSMLTCSVLSHSGNFGTDLEQKLNHPEDKGY-----VLHMITTADEM 213

Db 190 HYLLMEF-----UTLVAVVSLQTVGTLVIAMLITPAATAYLLTNLLKMLITAGI 241

QY 214 SMSFSFPGFFLT 226

Db 242 GMLSAVGVGFFSY 254

RESULT 12

US-09-721-870-14

; Sequence 14, Application US/09721870

; Patent No. 6632621

; GENERAL INFORMATION:

; APPLICANT: Lowery, David E.

; APPLICANT: Geary, Timothy G.

; APPLICANT: Kubiak, Teresa M.

; APPLICANT: Larsen, Martha J.

; TITLE OF INVENTION: MODULATORS OF G PROTEIN-COUPLED RECEPTORS

; FILE REFERENCE: 28341/6223

; CURRENT APPLICATION NUMBER: US/09/721,870

; CURRENT FILING DATE: 2000-11-24

; NUMBER OF SEQ ID NOS: 180

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 14

; LENGTH: 387

; TYPE: PRT

; ORGANISM: Homo sapiens

; US-09-721-870-14

Query Match

Best Local Similarity 6.6%; Score 91.5; DB 4; Length 387;

Matches 50; Conservative 34; Mismatches 82; Indels 51; Gaps 11;

QY 69 ATIVRYKQVHALSPEENVIKLNKAGLVGLSLGSLIVANFQKTTLFAAH----- 121

Db 46 AVLYLTMKH-ROLQTVQNIIFILNLCASNVLMLCTSLPTITFTVYKQWFFSPVCKL1PL 104

QY 122 VSGA---VLTEGMSGLYMFVQILSYQMPKIHGKQVFWIRLLLVTCVGSALSMLTCS 178

Db 105 VOGASIFVSTFSLSAIALDRYLVVRPHKQKUSSAMMIALI--IW-----VISVVVCM 158

QY 179 VLHSGNFGTDLE-QKL-----HWNPE--KGYVLHMITTAEMSMSFSFGFFLT 225

Db 159 -----YGYMDVEKLGNGCGEYCEHWPPLAEVRKGYFLVLIT---QFLPFPATMFC 208

QY 226 YIRDFQKISLRVEANLHGLTLYDTAPCPINNERTLL 262

Db 209 YYNIFSLRQVRVETKKL-----SRSQLL 234

RESULT 13

US-09-602-787A-588

; Sequence 588, Application US/09602787A

; Patent No. 6696561

; GENERAL INFORMATION:

; APPLICANT: Pompeius, Mark

; APPLICANT: Kruger, Burkhard

; APPLICANT: Schuder, Hartwig

; APPLICANT: Zelder, Oskar

; APPLICANT: Haberhauer, Gregor

; TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS

; TITLE OF INVENTION: INVOLVED IN MEMBRANE SYNTHESIS AND MEMBRANE

; TITLE OF INVENTION: TRANSPORT

; FILE REFERENCE: BGI-125CP

; CURRENT APPLICATION NUMBER: US/09/602,787A

; CURRENT FILING DATE: 2000-06-23

; PRIOR APPLICATION NUMBER: USSN 60/141031

; PRIOR FILING DATE: 1999-06-25

; PRIOR APPLICATION NUMBER: DE 19931454.3

; PRIOR FILING DATE: 1999-07-08

; PRIOR APPLICATION NUMBER: DE 19931478.0

; PRIOR FILING DATE: 1999-07-08

; PRIOR APPLICATION NUMBER: DE 19931563.9

; PRIOR FILING DATE: 1999-07-08

; PRIOR APPLICATION NUMBER: DE 19932122.1

; PRIOR FILING DATE: 1999-07-09

; PRIOR APPLICATION NUMBER: DE 19932124.8

; PRIOR FILING DATE: 1999-07-09

; PRIOR APPLICATION NUMBER: DE 19932125.6

; PRIOR FILING DATE: 1999-07-09

; PRIOR APPLICATION NUMBER: DE 19932128.0

; PRIOR FILING DATE: 1999-07-09

; PRIOR APPLICATION NUMBER: DE 19932180.9

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Query Match      6.5%; Score 90; DB 4; Length 283;
Best Local Similarity 23.8%; Pred. No. 0.11;
Matches 46; Conservative 33; Mismatches 64; Indels 50; Gaps 7;

QY 9 SFLPSALVITPSAAFISSY-----ITAVTLHHIDPALPYISDTGTVAPEKCLFGAMLN-- 61
Db   : : ||| ||| : : : : : : : : : : : : : : : : : : : : : : : :
76 ALMSGVGVVTSRKSSLSQVSGLOFTMLSLGVVIVSHSDSHAVDLTSLFLGDILGVR 135
QY 62 -----IAVLCAIATVYRVQVHALSPEENV--IILKNKAGLVGLGILSCIGLSIVAN 111
Db   ||| : : ||| : : : : : : : : : : : : : : : : : : : : : : : :
136 PSDIFIIATATVLGGLTIFLHFHQFTALAFDERKAHTGLNPRFAHLMLALATATVVS 195
QY 112 FQKTTLFAAHVSGAVLTFGM-----GSLYVNFQVTILSYQMOPKIHGQVFIRLLLVINC 166

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Query Match	6.5%;	Score 90;	DB 4;	Length 396;
Beat Local Similarity	20.5%;	Pred. No. 0.18;		
Matches	60;	Conservative 35;	Mismatches 90;	Indels 108; Gaps 13;
QY	1	MWFFQOGLSLPALSALVWTSAAPIFSYITAVTLH	-----HIPP-----	-A 39
Db	65	LWMPWIFWLLSIGCVLTAIISMI	-----YIPPIHTHKLSESYSEFFKRIDPLGLTGLTGIIGLIL 122	
QY	40	LPYISDTGTVAPEKCLFGAMLNIAAVLCIATIVV	-----RYKQVHALSPSE-----	85
Db	123	FNFWTQGPVGWNTAYIIALLIIIAVLIIIVAFFIIEIYIAKYPVLPKVSFNKLIGMVLAC 182		
QY	86	-----NVIIKLNK-----AG-----	-----LVLGILSCLGLSVANFQKTLTF 118	
Db	183	ISCGWGSFGIMQYVYWNIIILNRKYPTIAGSLTYVPLWGLIAAIASSIIIIISHTKPSYI 242		
QY	119	AAHVSGAVLTFCWGSLYNMFQVTILSYQMPKIHGKQVFWIRLL	-----VVMCGVSALSMLT 175	
Db	243	-----ISFTICTCFMVGCLMLSVTPI-----	-----QQSYERLTLGGQWFIILCWANDMSFPA 287	
QY	176	CSISVL-----HSGNFGTDLQKLIHWNPEDKGVLIHMITTAEWMSNSFFPG 221		
Db	288	ASIIISDLVLPNHHQWAGS-----	-----LVSTVINYSVL-FLG 321	

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RESULT 15
US-09-248-796A-16383
; Sequence 16383, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.1132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 16383
; LENGTH: 344

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; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-16383

Query Match      6.3%; Score 88; DB 4; Length 344;
Best Local Similarity 27.3%; Pred. No. 0.25;
Matches 47; Conservative 16; Mismatches 55; Indels 54; Gaps 11;

QY 43 ISDTGTVAPEKCLFGAMLNIAAVLCIATYVRYKQVHALSPENVIIKLNKAG-----LV 97
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 46 IASTGAL-----GALFGIVATNIIIFVTGKNTNMYGTRHYALFICIMIGEIVISLV 98

QY 98 LGILSCLGLSIVANFOKTTLPAAHVSGAVLTFMGSL-----YMPVQTILSYQMQ 147
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 99 LGLLP--GLD--NF-----SHIGG----FAMGILSSIVVLKDPFWFIDGIITYPKN 142

QY 148 PKIHGQVF---W-----IRLLLVIVCGVS--ALSNLTGSSVLHSGNF 185
   ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||: ||:
Db 143 PSTW--QQFLNNWNPWYSIEDKIRSRFFIWCVGVRRIALMIYIYVLCKNF 192

Search completed: January 4, 2005, 12:21:42
Job time : 41 secs
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